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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/082,744	02/21/2002	Anthony Edward Martinez	AUS920020005US	5308

7590

01/20/2006

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EXAMINER

MIZAN, SHAHIN

ART UNIT

PAPER NUMBER

2132

DATE MAILED: 01/20/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/082,744	Applicant(s) MARTINEZ ET AL.	
	Examiner Shahin Mizan	Art Unit 2132	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 November 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 February 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Response to Amendment

1. Applicant's amendments/arguments with respect to amended claims 1, 7, and 13 filed November 8, 2005 have been fully considered (MPEP 714.04; 37 CFR 1.111) but they are not persuasive. Amendments to the specification have been accepted.

Response to Arguments

2. Applicant's arguments with respect to claims 1, 7, and 13 have been considered but are not persuasive.

With regards to Applicant's argument that Nielsen does not teach "indexing password and usernames in a the master password file or vault for any other uses other than logging into "remote servers" (col. 6, lines 44-46), and is especially silent as to providing an open application interface such that both web browsers and non-browser applications alike can access the same password", Examiner respectfully disagrees (*note column 4, line 1 – a database of passwords and user IDs are maintained at the client computer that is searched [same as indexing] by the password management system in response to a challenge from the remote server; also note column 3, lines 52-63 – the password management system can be implemented as an Applet or HotJava or incorporated into a browser program; an applet is defined as a small program that is intended not to be run on its own, but rather to be embedded inside another application [browser or non-browser]; in Java programming language it is common practice to define an interface and then implement the interface; the interface is usually open but implementation can be proprietary; therefore, it is implied that Nielsen's database management system interface is an open interface that could be used*

by a third party vendor; also note column 4, lines 54-59 – the password management system interacts with the remote server on behalf of the client).

With regards to Applicant's argument that Nielsen does not teach "overlaying the master password entry dialog box directly placed over the original password entry box so as to block view or direct entry of information into the original password entry box", Examiner respectfully disagrees (*note column 4, lines 1-11 – the concept of overlaying technique is inherent in the reference; the overlaying feature is a particular implementation concept; the overlay concept is easily implemented using the system described by the reference; also note column 5, lines 48-50 – an overlay mechanism described*).

With regards to Applicant's argument that Nielsen does not teach "providing a pop-up which lists a set of user-selectable user-names when more than one user-name and password pair is found for the application program which is requesting access to the master password wallet", Examiner respectfully disagrees (*note column 5, lines 11-30 – the concept and mechanism for performing the stated function is taught by the reference; for example, the checking of the URL implies the checking of associated user ID and password which can be published as a pop-up dialog box; the use of the display of dialog box in another context is described; the core functionality associated with the stated pop-up menu is inherent in the reference*).

With regards to Applicant's argument that Nielsen does not teach "performing a local verification of a directly-entered application-specific password to find a match in the locally stored master password, and preventing submission of passwords for which no local match is found, thereby preventing submission of invalid passwords to the requesting application program or web site, and preventing potential subsequent lock out of the application and/or divulgence of the user's alternate favorite passwords to the application program or web site", Examiner respectfully disagrees (*note Fig. 4 and column 4,*

lines 42-67 – the registration process described includes verification functionality; multiple identical entry in the password database will produce a conflict that must be resolved by the password management system).

Claim Rejections - 35 USC § 102

3. Claims 1-19 are rejected under 35 U.S.C. 102b as being anticipated by Nielsen (US Patent # 6,182,229).

As for independent claim 1, Nielsen teaches a method within a computing platform of graphically providing a secure field value retrieval and entry, wherein said computing platform includes a display device, a field activation device and a user selection device, said method comprising:

providing to a plurality of application programs an interface to request application-specific passwords, said plurality of application programs including at least one web browser program, and at least one non-browser program (*note column 3, lines 52-63 – the password management system can be implemented as an Applet or HotJava or incorporated into a browser program; an applet is defined as a small program that is not intended to be run on its own, but rather to be embedded inside another application [browser or non-browser]; in Java programming language it is common practice to define an interface and then implement the interface; the interface is usually open but implementation can be proprietary; therefore, it is implied that Nielsen's database management system interface is an open interface that could be used by a third party vendor; also note column 6, lines 15-18*);

receiving a request from an application program via said interface for input of an application-specific password program (*note column 4, lines 3-7 – the password management system receives request from remote site running browser or non-browser application*);

receiving a computing context indicator regarding at least a position of an original entry point for a password as displayed by said requesting application program (*note column 4, lines 52-59 – the original entry point is described*);

displaying a user first dialogue to receive a master key value from a user, said user dialogue being displayed in a position so as to overlay said original entry point for a password as displayed by said requesting application program (*note column 4, lines 1-11 – the concept of overlaying technique is inherent in the reference; the overlaying feature is a particular implementation concept; the overlay concept is easily implemented using the system described by the reference; also note column 5, lines 48-50 – an overlay mechanism described; also note column 4, lines 32-37 – user is prompted for master password*);

determining if said master key value is a correct master key value (*note column 4, lines 38-44 – the data management system prompts for master password which is then verified by the password management system*);

retrieving a plurality of ((a)) field ((value)) values from a secure field value store which ((is)) are associated with said requesting application program, said activated field and a user identification (*note column 5, lines 11-30 – the concept and mechanism for performing the stated function is taught by the reference; for example, the checking of the URL implies the checking of associated user ID and password which can be published as a pop-up dialog box; the use of display of dialog box in another context is described; the core functionality associated with the stated pop-up menu is inherent in the reference*); ((and))

displaying to a user a second dialogue to receive a selection by said user from said retrieved plurality of field values (*note column 5, lines 11-30 – the concept and mechanism for performing the stated function is described; for example, the checking of the URL implies the checking of associated user ID and password which can be published as a separate pop-up dialog box*); and

automatically entering said selected field value into said original entry point for said requesting application program (*note column 4, lines 54-59 – the data management system automatically inputs the user ID and password in the requesting fields of requesting application*).

As for claim 2, which is dependent on claim 1, Nielsen teaches the method as set forth in claim 1 wherein said step of displaying a user dialogue comprises receiving a user identification value (*note column 5, lines 46-49 - user ID and other information inputted in the dialog box; also note column 4, lines 53-58 - user identification provided by the password management system*).

As for claim 3, which is dependent on claim 1, Nielsen teaches the method as set forth in claim 1 wherein said step of retrieving a field value from a secure field value store which correlates to a computing context comprises retrieving a field value which is associated with an application program (*note column 3, lines 60-61 - the invention could be incorporated into a browser program; also note column 6, lines 47-53 - the invention applies to many different embodiments*).

As for claim 4, which is dependent on claim 1, Nielsen teaches the method as set forth in claim 1 wherein said step of retrieving a field value from a secure field value store which correlates to a computing context comprises retrieving a field value which is associated with a web site (*note column 3, lines 52-54 - the invention is applicable to a plurality of remote servers such as remote web sites; also note FIG. 1B and FIG. 2*).

As for claim 5, which is dependent on claim 1, Nielsen teaches The method as set forth in claim 1 wherein said step of retrieving a field value from a secure field value store which correlates to a computing context comprises retrieving a field value which is associated with a web form (*note column 3, line 55 - an applet may contain a web form; also note*

column 6, lines 47-53 - the invention applies to many different embodiments; also note column 5, line 2 - registration equates to a web form).

As for claim 6, which is dependent on claim 1, Nielsen teaches The method as set forth in claim 1 wherein said step of automatically entering said retrieved field value into said activated field comprises automatically entering a password value (*note column 4, lines 3-8 - the password is automatically entered in the password field and sent to the remote site*).

As for independent claim 7, Nielsen teaches a computer readable medium encoded with software for graphically providing a secure field value retrieval and entry, wherein said computing platform includes a display device, a field activation device and a user selection device, said software causing the computing platform to perform the steps of:

providing to a plurality of application programs an interface to request application-specific passwords, said plurality of application programs including at least one web browser program, and at least one non-browser program (*note column 3, lines 52-63 – the password management system can be implemented as an Applet or HotJava or incorporated into a browser program; an applet is defined as a small program that is intended not to be run on its own, but rather to be embedded inside another application [browser or non-browser]; in Java programming language it is common practice to define an interface and then implement the interface; the interface is usually open but implementation can be proprietary; therefore, it is implied that Nielsen's database management system interface is an open interface that could be used by a third party vendor; also note column 6, line 15-18*);

receiving a request from an application program via said interface for input of an application-specific password (*note column 4, lines 3-7 – the password management system receives request from remote site running browser or non-browser application*);

receiving a computing context indicator regarding at least a position of an original entry point for a password as displayed by said requesting application program (*note column 4, lines 52-59 – the original entry point is described*);

displaying a user dialogue to receive a master key value from a user, said user dialogue being displayed in a position so as to overlay said original entry point for a password as displayed by said requesting application program (*note column 4, lines 1-11 – the concept of overlaying technique is inherent in the reference; the overlaying feature is a particular implementation concept; the overlay concept is easily implemented using the system described by the reference; also note column 5, lines 48-50 – an overlay mechanism described; also note column 4, lines 32-37 – user is prompted for master password*);

determining if said master key value is a correct master key value (*note column 4, lines 38-44 – the data management system prompts for master password which is then verified by the password management system*);

retrieving a field value from a secure field value store which is associated with said requesting application program, said activated field and a user identification (*note column 4, lines 3-11 – the data management system retrieves the stored user ID and password for the requesting application*); and

automatically entering said retrieved field value into said original entry point for said requesting application program (*note column 4, lines 1-11 and lines 52-59*).

As for claim 8, which is dependent on claim 7, Nielsen teaches the computer readable medium as set forth in claim 7 wherein said software for displaying a user dialogue comprises software for receiving a user identification value (*note column 3, line 55 - applet software described; also note column 8, lines 23-24 - software for inputting user ID is described; also note column 5, lines 46-49 - user ID and other information inputted in the dialog box; also note column 4, lines 53-58 - user identification provided by the password management system*).

As for claim 9, which is dependent on claim 7, Nielsen teaches the computer readable medium as set forth in claim 7 wherein said software for retrieving a field value from a secure field value store which correlates to a computing context comprises software for retrieving a field value which is associated with an application program (*note column 3, lines 60-61 - the invention may be incorporated into a browser program; also note column 6, lines 47-53 - the invention applies to many different embodiments*).

As for claim 10, which is dependent on claim 7, Nielsen teaches the computer readable medium as set forth in claim 7 wherein said software for retrieving a field value from a secure field value store which correlates to a computing context comprises software for retrieving a field value which is associated with a web site (*note column 3, line 58 - HotJava software described; also note column 3, lines 52-54 - the invention is applicable to a plurality of remote servers such as remote web sites; also note FIG. 1B and FIG. 2*).

As for claim 11, which is dependent on claim 7, Nielsen teaches the computer readable medium as set forth in claim 7 wherein said software for retrieving a field value from a secure field value store which correlates to a computing context comprises software for retrieving a field value which is associated with a web form (*note column 3, line*

55 - an applet may contain a web form; also note column 6, lines 47-53 - the invention applies to many different embodiments; also note column 5, line 2 - registration equates to a web form).

As for claim 12, which is dependent on claim 7, Nielsen teaches the computer readable medium as set forth in claim 7 wherein said software for automatically entering said retrieved field value into said activated field comprises software for automatically entering a password value (*note column 3, line 55 - applet software is capable of the functionality; also note column 4, lines 3-8 - the password is automatically entered in the password field and sent to the remote site*).

As for independent claim 13, Nielsen teaches a system for graphically providing a secure field value storage, retrieval and entry within a computing platform, wherein said computing platform includes a display device, a field activation device, a user selection device and a data storage medium, said system comprising:

an interface accessible by a plurality of application programs to request application-specific passwords, said plurality of application programs including at least one web browser program, and at least one non-browser program (*note column 3, lines 52-63 – the password management system can be implemented as an Applet or HotJava or incorporated into a browser program; an applet is defined as a small program that is intended not to be run on its own, but rather to be embedded inside another application [browser or non-browser]; in Java programming language it is common practice to define an interface and then implement the interface; the interface is usually open but implementation can be proprietary; therefore, it is implied that Nielsen's database management system interface is an open interface that could be used by a third party vendor; also note column 6, lines 15-18*);

a request received from an application program via said interface for input of an application-specific password, including a computing context indicator regarding at least

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a position of an original entry point for a password as displayed by said requesting application program (*note column 4, lines 54-59 – the data management system automatically inputs the user ID and password in the requesting fields of requesting application*);

a secure field value store disposed within said data storage medium (*note column 4, lines 1-11*);

a user dialogue display on said display device adapted to receive a master key value from a user, said user dialogue being displayed in a position so as to overlay said original entry point for a password as displayed by said requesting application program (*note column 4, lines 1-11*);

a master key value evaluator for determining if ((an)) a master key value entered via said user dialogue display is a correct master key value for said secure field value store (*note column 4, lines 38-44 – the data management system prompts for master password which is then verified by the password management system*);

a field value retriever for finding in and retrieving from said secure field value store a field value which is associated with said requesting application program and a user identification (*note column 4, lines 1-11 and lines 52-59*); and

a field value inputter for automatically entering said retrieved field value into said original entry point (*note column 4, lines 1-11 and lines 52-59*).

As for claim 14, which is dependent on claim 13, Nielsen teaches the system as set forth in claim 13 wherein said user dialogue display is further adapted to receive a user identification value, and wherein said field value retriever is further adapted to find and retrieve a field value which is associated with a user identification value (*note column*

8, lines 10-18; also note column 3, line 55 - applet software described; also note column 6, lines 70-71 - software routine implementation rule explained; also note column 4, line 50 - authentication request is received; also note column 4, lines 53-58 - user identification provided by the password management system).

As for claim 15, which is dependent on claim 13, Nielsen teaches the system as set forth in claim 13 wherein said step of retrieving a password from a secure field value store which correlates to a computing context comprises retrieving a field value which is associated with an application program (*note column 3, line 61 - software incorporated in a browser program; also note column 6, lines 70-71 - software routine implementation rule explained; also note column 3, lines 60-61 - the invention may be incorporated into a browser program; also note column 6, lines 47-53 - the invention applies to many different embodiments; and note FIG. 2).*

As for claim 16, which is dependent on claim 13, Nielsen teaches the system as set forth in claim 13 wherein said step of retrieving a field value from a secure field value store which correlates to a computing context comprises retrieving a field value which is associated with a web site (*note column 3, line 58 - HotJava software described; also note column 6, lines 70-71 - software routine implementation rule explained; also note column 3, lines 52-54 - the invention is applicable to a plurality of remote servers such as remote web sites; also note FIG. 1B and FIG. 2).*

As for claim 17, which is dependent on claim 13, Nielsen teaches the system as set forth in claim 13 wherein said step of retrieving a field value from a secure field value store which correlates to a computing context comprises retrieving a field value which is associated with a web form (*note column 3, line 58 - Java enhanced browser implements the feature; also note column 6, lines 70-71 - software routine implementation rule explained; also note*

column 6, lines 47-53 - the invention applies to many different embodiments; also note column 5, line 2 - registration equates to a web form).

As for claim 18, which is dependent on claim 13, Nielsen teaches the system as set forth in claim 13 wherein said step of automatically entering said retrieved field value into said activated field comprises automatically entering a password value (*note column 8, lines 15-18; also note column 3, line 55 - applet software is capable of the functionality; also note column 6, lines 70-71 - software routine implementation rule explained; also note column 4, lines 3-8 - the password is automatically entered in the password field and sent to the remote site*).

As for claim 19, which is dependent on claim 13, Nielsen teaches the system as set forth in claim 13 where said field value store is a database (*note column 8, lines 3-4 - database is claimed; also note column 4, lines 1-2 - invention maintains a database of passwords and user IDs as they are known to the remote sites*).

References Cited

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Nielsen (US Patent No. 6,006,333) teaches a password helper using a client-side master password that automatically presents the appropriate server-side password to a particular remote server.

Sidles (US Pub. No. 2002/0062342) teaches a method for completing forms on wide area networks such as the Internet.

Liu (US Patent No. 6,484,263) teaches a security profile for web browsers.

Dent (US Pub. No. 2002/0066039) teaches anti-spoofing password protection.

Kelley et al. (US Patent No. 6,000,033) teaches password control via the web.

Light et al. (US Patent No. 6,192,380) teaches automatic web based form fill-in.

- US Patent No. 6,044,155
- US Patent No. 5,935,251
- US Patent No. 5,345,549
- US Patent No. 6,412,073
- US Patent No. 6,441,834
- US Publication No. 2002/0095673
- US Publication No. 2003/0001013

Conclusion

5. **THIS ACTION IS MADE FINAL.** See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Inquiries

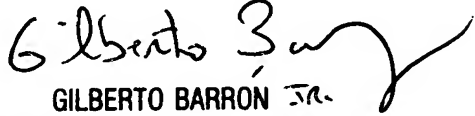
6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shahin Mizan whose telephone number is 571-272-0687 and whose fax number is 571-273-0687. The examiner can normally be reached on M-F 8:30 a.m. - 5:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Shahin Mizan
Examiner
Art Unit 2132

SM


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